

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Porter et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	UNMC/0014

Submission Date

January 22, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-4,572,203	02/25/1986	Steven B. Feinstein	
	A2	US-4,718,433	01/12/1988	Steven B. Feinstein	
	A3	US-4,774,958	10/04/1988	Steven B. Feinstein	
	A4	US-5,560,364	10/01/1996	Board of Regents of the University of Nebraska	
	A5	US-5,567,415	10/22/1996	Board of Regents of the University of Nebraska	
	A6	US-5,578,291	11/26/1996	Board of Regents of the University of Nebraska	
	A7	US-5,701,899	12/30/1997	Board of Regents of the University of Nebraska	
	A8	US-5,980,950	11/09/1999	Board of Regents of the University of Nebraska	
	A9	US-6,080,386	06/27/2000	Board of Regents of the University of Nebraska	
	A10	US-6,245,747	06/12/2001	Board of Regents of the University of Nebraska	
	A11	US-6,439,236	08/27/2002	Board of Regents of the University of Nebraska	
	A12	US-6,537,814	03/25/2003	Board of Regents of the University of Nebraska	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ² (if known)				
	B1	EP 0398935 (WO 89/06978) A1	08/10/1989	Schering AG, Berlin und Bergkamen		
	B2	EP 0441468 A2	08/14/1991	Schering AG, Berlin und Bergkamen		
	B3	EP 0458079 A2	11/27/1991	Hoechst Aktiengesellschaft		
	B4	EP 0458745 A1	11/27/1991	Sintetica S.A.		X
	B5	WO 80/02365 A1	11/13/1980	Rasor Associates, Inc.		X
	B6	WO 93/17718 A1	09/16/1993	Klaveness et al.		X
	B7	WO 96/07434 A1	03/14/1996	Klaveness et al.		X
	B8	WO 96/39197 A1	12/12/1996	IMARx Pharmaceutical Corp.		X
	B9	WO 97/29783 A1	08/21/1997	Dugstad et al.		X
	B10	WO 99/13918	03/25/1999	University of Pittsburgh		X

Examiner

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449B/PTO

Application Number	Unknown
Filing Date	Herewith
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Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	UNMC/0014

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	Villanueva, Flordeliza S. et al. "Albumin Microbubble Adherence to Human Coronary Endothelium: Implications for Assessment of Endothelial Function Using Myocardial Contrast Echocardiography." <u>J. Am. Coll. Cardiol.</u> 1997, 30: 689-93.	
	2	Lindner, M.D., Jonathan R. et al. "Albumin Microbubble Persistence During Myocardial Contrast Echocardiography is Associated with Microvascular Endothelial Glycocalyx Damage." <u>Circulation</u> . 1998, 98: 2187-94.	
	3	Masugata, M.D., Hisashi et al. "Comparison of Microbubble Agents that Produce Different Myocardial Signal Intensity for Quantification of Myocardial Blood Flow by Myocardial Contrast Echo." <u>The American Journal of Cardiology</u> . September 2001, 88: 714-718.	
	4	Phillips, P.J. "Contrast Pulse Sequences (CPS): Imaging Nonlinear Microbubbles." <u>IEEE Ultrasonics Symposium</u> . 2001, 1739-45.	
	5	Venneri, Lucia et al. "Detection of Carotid Artery Endothelial Function with Intravenous Microbubbles." <u>The Online Abstract</u> . 2003.	
	6	Celermajer, David S. "Endothelial Dysfunction: Does It Matter? Is It Reversible?" <u>J. Am. Coll. Cardiol.</u> August 1997, 30(2): 325-33.	
	7	Fisher, MBBS, Nicholas G. et al. "Influence of Microbubble Surface Charge on Capillary Transit and Myocardial Contrast Enhancement." <u>J. Am. Coll. Cardiol.</u> 2002, 40(4): 811-9.	
	8	Kaul, S. "Instrumentation for contrast echocardiography: technology and techniques." <u>Am. J. Cardiol.</u> November 2002, 19(90 Suppl 10A:8J-14J. National Center for Biotechnology Information. 14 April 2003 <wysiwyg://http://www.ncbi.nlm.nih.gov...PubMed&List_uids=12450584&dopt=Abstract>.	
	9	Villanueva, F.S. et al. "Microbubble-endothelial cell interactions as a basis for assessing endothelial function." <u>Echocardiography</u> . July 2002, 19(5): 427-38. National Center for Biotechnology Information. 28 March 2003 <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=12...>.	
	10	Lindner, M.D., Jonathan R. et al. "Microbubble Persistence in the Microcirculation During Ischemia/Reperfusion and Inflammation is Caused by Integrin- and Complement-Mediated Adherence to Activated Leukocytes." <u>Circulation</u> . 2000, 101: 668-75.	
	11	Lindner, M.D., Jonathan R. et al. "Noninvasive Ultrasound Imaging of Inflammation Using Microbubbles Targeted to Activated Leukocytes." <u>Circulation</u> . 2000, 102: 2745-50.	
	12	Klibanov, A.L. et al. "Targeting and ultrasound imaging of microbubble-based contrast agents." <u>Magma</u> . August 1999, 8(3): 177-84. National Center for Biotechnology Information. 28 March 2003. <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=10...>.	
	13	Lindner, M.D., Jonathan R. et al. "Ultrasound Assessment of Inflammation and Renal Tissue Injury with Microbubbles Targeted to P-Selectin." <u>Circulation</u> . 2001, 104: 2107-2112.	

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